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S/N: 09/661,064

In the Claims

1-36. (Cancelled)

37. (Currently Amended) An apparatus comprising:

a lead wire assembly, each lead wire having a transducer capable of receiving an ECG signal from a patient;

a portable ECG device including:

a portable, ECG monitor adapted to be connected to the lead wire assembly, the ECG monitor having a data link port and a processor to process the ECG signals from the lead wire assembly and produce standard 12-lead ECG data representative of cardiac condition of the patient; and

a wireless communication interface integrated with the ECG monitor to receive patient ECG data from the ECG monitor and transmit patient ECG data to a remote health care provider; and

an information management system connectable to the data link port of the ECG monitor to maintain ECG monitoring during patient transport to a health care facility, the information management system having data storage to maintain an ECG history that is downloadable at the health care facility; and

wherein the processor of the portable ECG device is programmed to prompt the patient if assistance is needed to acquire an ECG, and if so, open a data transmission link to the health care provider otherwise, receive and process the ECG signals, then open a data transmission link and transmit the ECG data to the health care provider.

38. (Previously Presented) The apparatus of claim 37 wherein the wireless communication interface is a wireless phone capable of allowing audio and ECG data transmission concurrently.

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39. (Previously Presented) The apparatus of claim 37 wherein the wireless communication interface is an interactive Internet TV appliance capable of allowing voice, video, and ECG data transmission concurrently.

40. (Cancelled)

41. (Currently Amended) The apparatus of claim ~~[[40]]~~ 37 wherein the processor is further programmed to:

allow selection of a desired transmission mode; and

allow concurrent transmission of ECG data in addition to at least audio communication data.

42. (Previously Presented) The apparatus of claim 41 wherein the processor is further programmed to include bi-directional video and audio transmission with the transmission of ECG data.

43. (Previously Presented) The apparatus of claim 37 further comprising:
an interactive Internet appliance that is connectable to a video and audio monitor to receive ECG data from the wireless communication interface and to transmit the ECG data to the health care provider; and

a video camera and a microphone connected to the interactive Internet appliance to transmit video and audio data from the patient to the health care provider.

44. (Currently Amended) The apparatus of claim 43 wherein the apparatus is adapted to transmit the ECG data and the audio and video data ~~are transmitted~~ to the health care provider through an interconnected global computer system.

45. (Currently Amended) The apparatus of claim 43 wherein the apparatus is adapted to transmit the ECG data and the audio and video data ~~are transmitted~~ to the health care provider at least partially through an electromagnetic transmission wave.

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46. (Previously Presented) The apparatus of claim 43 wherein the wireless communication interface includes an infrared transmitter and an infrared receiver to communicate with the interactive Internet appliance, and wherein the processor is further programmed to cause the infrared receiver to receive data instructions from the health care provider through the interactive Internet appliance.

47. (Previously Presented) The apparatus of claim 37 wherein the information management system includes a processor integral with the information management system.

48. (Previously Presented) The apparatus of claim 37 wherein the apparatus operates on demand from the patient.

49. (Previously Presented) The apparatus of claim 37 wherein the information management system is capable of broadcasting ECG data to the health care facility as the patient is in transit.

50. (Previously Presented) The apparatus of claim 37 further comprising a GPS system connected to the wireless communication interface and wherein the processor is programmed to receive a signal from the health care provider to enable the GPS system.

51. (Previously Presented) The apparatus of claim 37 wherein the information management system is operable with the processor of the ECG monitor.

52-61. (Cancelled)